

IN THE CLAIMS:

1. Component made of plastic for vehicles, whereby the component is a monocoque without a separate frame of a vehicle and is preferably made of carbon fiber, with electric lines being laminated into the carbon fiber composite.

2. Component as claimed in Claim 1, wherein the electric lines form a grounding connection.

3. Component as claimed in Claim 1, wherein the electric lines have contact points.

4. Component as claimed in Claim 1, wherein the electric connections are aluminum conductors having passages to reduce their weight.

5. A vehicle body, comprising:
a monocoque body member formed from a plastic composite, said plastic composite including carbon fiber; and
at least one electrical conductor,
wherein the at least one electrical conductor is laminated into the carbon fiber composite.

6. The vehicle body of Claim 5, wherein the at least one electrical

conductor forms a grounding connection.

7. The vehicle body of Claim 5, wherein the at least one electrical conductor has at least one contact point.

8. The vehicle body of Claim 5, wherein the at least one electrical conductor is an aluminum conductor having weight-reduction passages.

9. A method for constructing a vehicle body, comprising the step of:
forming a monocoque body member from a plastic composite, said plastic composite including carbon fiber,
wherein at least one electrical conductor is laminated into the carbon fiber composite.

10. The method of Claim 9, wherein the at least one electrical conductor forms a grounding connection.

11. The method of Claim 9, wherein the at least one electrical conductor has at least one contact point.

12. The method of Claim 9, wherein the at least one electrical conductor is an aluminum conductor having weight-reduction passages.